

GRAFTED NETWORK INCORPORATING A MULTIPLE  
CHANNEL FLUID FLOW CONNECTOR

Abstract

5       A grafted network including one or more graft segments  
for use in coronary bypass procedures and which are  
configured to operably transport bypass blood flow from a  
singular supply location to one or more delivery locations  
in the grafted network is provided in combination with one  
10 or more multiple channel blood flow connectors for directing  
such bypass blood flow in the grafted network to one or more  
vascular members requiring restorative blood flow thereto.  
The grafted network also preferably includes one or more  
devices for operably maintaining the grafted network under  
15 relatively high internal fluid pressure so as to  
continuously supply selective vascular members with adequate  
bypass blood flow.